

Equipment Wire 2491x

Plain Stranded



PVC insulated plain stranded copper conductors to BS6500 up to 1.0mm² and BS6004 up to 2.5mm². Harmonised codes H05V-K (0.5 to 1.0mm²) and H07V-K (1.5 to 2.5mm²) except yellow. Intended for use within electrical and electronic appliances, light fittings, control panels etc, where the combination of ambient temperature and load temperature rise results in a conductor temperature not exceeding 70°C.

Specifications:

Single wire:

Reference : 2491X PVC insulated 300/500V harmonised code designation HO5V-K.
Uses : For internal wiring.
Conductor : High conductivity flexible plain annealed copper.
Insulation : PVC.
Insulation colour : Black, blue, brown, red, white, yellow, green/yellow.

Cable Data Sheet:

Description : PVC insulated plain stranded copper conductors 0.5mm² to 2.5mm².
Conductor : 16/0.2mm to 50/0.25mm, plain annealed copper.
Insulation : General purpose PVC, 0.6mm to 0.8mm nominal thickness, 2.6mm to 4.1mm nominal outside diameter.
Temperature range : -15°C to +70°C.
Conductor resistance : 7.98Ω/1000m (for 2.5mm²).
Voltage rating : 300/500V (0.5 to 1.0mm²), 450/750V (1.5 to 2.5mm²).
Spark test : 6000V_{rms} (for 2.5mm²).

Specification Table

Description	Conductor		Nominal Wall Thickness	Nominal Outside Diameter Range (mm)	Current Rating (A)	Approximate Net Weight per 1000-m (Kg)	Colour	Length (m)	Part Number
	Area (mm ²)	Stranding							
Wire, Black, 0.5mm, 100m	0.5	16/0.2	0.6	2.1 to 2.5	3.0	10	Black	100	CBBR0391
Wire, Blue, 0.5mm, 100m							Blue		CBBR1523
Wire, Brown, 0.5mm, 100m							Brown		CBBR1524
Wire, Red, 0.5mm, 100m							Red		CBBR0392
Wire, White, 0.5mm, 100m							White		CBBR1525
Wire, Yellow, 0.5mm, 100m							Yellow		CBBR1526
Wire, Green/Yellow, 0.5mm, 100m							Green/Yellow		CBBR0390

Dimensions : Millimetres

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Description	Conductor		Nominal Wall Thickness	Nominal Outside Diameter Range (mm)	Current Rating (A)	Approximate Net Weight per 1000-m (Kg)	Colour	Length (m)	Part Number
	Area (mm ²)	Stranding							
Wire, Black, 0.75mm, 100m	0.75	24/0.2	0.6	2.2 to 2.7	6.0	13	Black	100	CBBR0394
Wire, Blue, 0.75mm, 100m							Blue		CBBR1527
Wire, Brown, 0.75mm, 100m							Brown		CBBR1528
Wire, Red, 0.75mm, 100m							Red		CBBR0395
Wire, White, 0.75mm, 100m							White		CBBR1529
Wire, Yellow, 0.75mm, 100m							Yellow		CBBR1530
Wire, Green/Yellow, 0.75mm, 10m							Green/Yellow		CBBR0393
Wire, Black, 1mm, 100m	1.0	32/0.2	0.6	2.4 to 2.8	10.0	16	Black	100	CBBR0397
Wire, Blue, 1mm, 100m							Blue		CBBR1531
Wire, Brown, 1mm, 100m							Brown		CBBR1532
Wire, Red, 1mm, 100m							Red		CBBR0398
Wire, White, 1mm, 100m							White		CBBR1533
Wire, Yellow, 1mm, 100m							Yellow		CBBR1534
Wire, Green/Yellow, 1mm, 100m							Green/Yellow		CBBR0396
Wire, Black, 1.5mm, 100m	1.5	30/0.25	0.7	2.8 to 3.4	16.0	-	Black	100	CBBR0400
Wire, Blue, 1.5mm, 100m							Blue		CBBR1535
Wire, Brown, 1.5mm, 100m							Brown		CBBR1536
Wire, Red, 1.5mm, 100m							Red		CBBR0401

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	Area (mm ²)	Stranding							
Wire, White, 1.5mm, 100m	1.5	30/0.25	0.7	2.8 to 3.4	16.0	-	White	100	CBBR1537
Wire, Yellow, 1.5mm, 100m							Yellow		CBBR1538
Wire, Green/Yellow, 1.5mm, 100m							Green/Yellow		CBBR0399
Wire, Black, 2.5mm, 100m	2.5	50/0.25	0.8	3.4 to 4.1	25.0	-	Black		CBBR0403
Wire, Blue, 2.5mm, 100m							Blue		CBBR1539
Wire, Brown, 2.5mm, 100m							Brown		CBBR1540
Wire, Red, 2.5mm, 100m							Red		CBBR0404
Wire, Green/Yellow, 2.5mm, 100m							Green/Yellow	CBBR0402	

Dimensions : Millimetres

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